

# Converting Colors

$Yxy(94.3295, 0.3087, 0.3387)$

Have a look what the booklet for  
Yxy(94.3295, 0.3087, 0.3387)  
contains.

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# Color

**Yxy(94.0964, 0.3086, 0.3379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDFCF3
RGB	237, 252, 243
RGB Percent	93%, 99%, 95%
CMY	0.0702, 0.0118, 0.0470
CMYK	0.06, 0.00, 0.04, 0.01
HSL	144°, 71%, 96%
HSV	144°, 6%, 99%
XYZ	85.9371, 94.0964, 98.4406
YIQ	246.4890, -6.0510, -5.9790

# Conversions

## Conversions Part 2

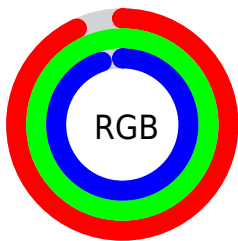
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 248, 252
Decimal	15596787
CIE Lab	97.67, -6.47, 2.59
CIE LCh	98, 6.974, 158.167
Yxy	94.0964, 0.3086, 0.3379
Android (android.graphics.Color)	4293786867 (0xFFEDFCF3)
YUV	246.4890, -1.7201, -8.3219
Hunter-Lab	97.0033, -11.6192, 7.7338

# Details

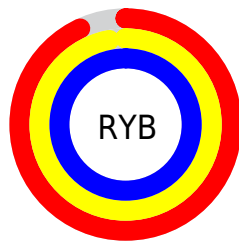
The Yxy color 94.0964, 0.3086, 0.3379 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9692, 0.3171, 0.3203, and the grayscale version is 92.6073, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4418, 0.3075, 0.3392 is the 20% darker color. If you saturate the color by 10%, you get 89.1825, 0.3017, 0.3545, and if you desaturate by 10%, it is 98.0882, 0.3129, 0.3261.

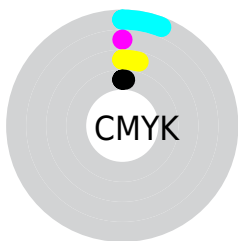
# Distribution



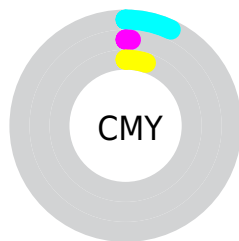
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (97%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (7%)
- Magenta (1%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0964, 0.3086, 0.3379 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 94.0964, 0.3086, 0.3379 by changing the saturation by 10% instead.




 94.0964, 0.3086,  
0.3379

 94.0964, 0.3086,  
0.3379


541.2681, 0.3104,  
0.3339

 71.3831, 0.3082,  
0.3388


153.0157, 0.3092,  
0.3366

 52.6549, 0.3077,  
0.3398


189.9904, 0.3095,  
0.3360

 37.5274, 0.3071,  
0.3411


232.4878, 0.3097,  
0.3356

 25.6161, 0.3063,  
0.3428

280.8923, 0.3099,  
0.3352

 16.5366, 0.3053,  
0.3450

335.5881, 0.3100,  
0.3348

 9.9047, 0.3039,  
0.3481

396.9598, 0.3102,

 5.3358, 0.3018,

0.3345

0.3526

465.3917, 0.3103,  
0.3342

■ 2.4456, 0.2983,  
0.3599

■ 0.8492, 0.2896,  
0.3788

■ 94.0964, 0.3086,  
0.3379

■ 94.0964, 0.3086,  
0.3379


■ 89.1825, 0.3017,  
0.3545


■ 98.0882, 0.3129,  
0.3261


■ 84.9228, 0.2951,  
0.3729

■ 81.2922, 0.2890,  
0.3933

■ 78.2597, 0.2838,  
0.4152

 75.7914, 0.2797,  
0.4384

 73.8500, 0.2773,  
0.4622

 72.3932, 0.2766,  
0.4858

 71.3721, 0.2778,  
0.5083

 70.7265, 0.2809,  
0.5288

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0964, 0.3164, 0.3418



94.0964, 0.3086, 0.3379



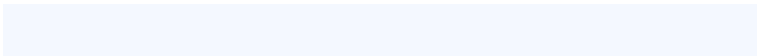
94.0964, 0.3020, 0.3315

# Triad

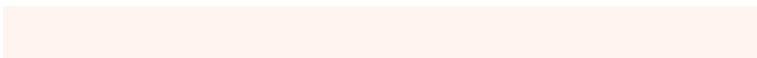
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0964, 0.3086, 0.3379



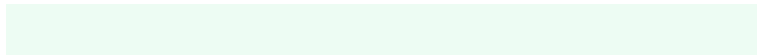
94.0964, 0.3022, 0.3160



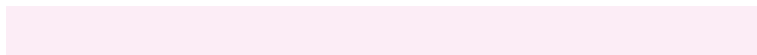
94.0964, 0.3274, 0.3332

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



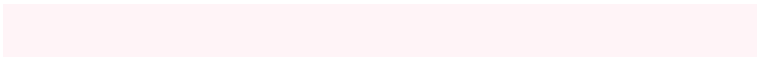
94.0964, 0.3086, 0.3379



87.9692, 0.3171, 0.3203

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0964, 0.3235, 0.3264



94.0964, 0.3086, 0.3379



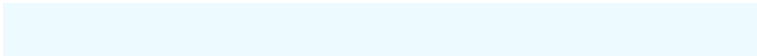
94.0964, 0.3089, 0.3166

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



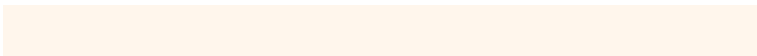
94.0964, 0.3086, 0.3379



94.0964, 0.2983, 0.3189



94.0964, 0.3167, 0.3204



94.0964, 0.3273, 0.3390

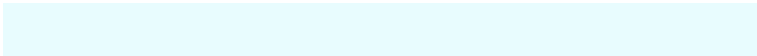


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



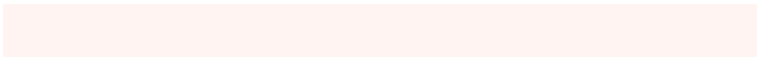
94.0964, 0.3086, 0.3379



94.0964, 0.2991, 0.3268



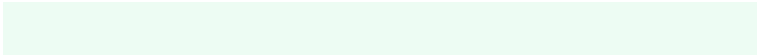
94.0964, 0.3167, 0.3204



94.0964, 0.3266, 0.3310

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94.1004, 0.3086, 0.3379



98.8494, 0.3113, 0.3319



95.3699, 0.3178, 0.3436



21.1699, 0.3114, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1004, 0.3086, 0.3379



96.0977, 0.3078, 0.3396



94.5456, 0.3045, 0.3307



19.6266, 0.3074, 0.3406



36.7761, 0.2815, 0.5334



3.4264, 0.2749, 0.5097



# Inverse Universe

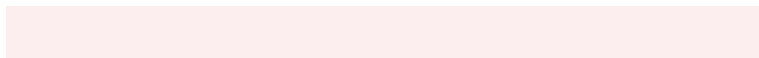
The Inverse Universe completely reimagines the original color for something new.



87.9692, 0.3171, 0.3203



88.6859, 0.3179, 0.3186



87.5341, 0.3216, 0.3273



17.9869, 0.3184, 0.3177



11.9855, 0.4535, 0.2272

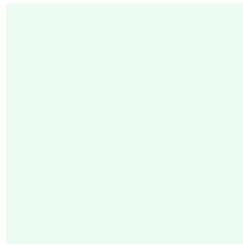


1.1310, 0.4333, 0.2161



# Previews

## White Background



This preview shows how the Yxy color 94.0964, 0.3086, 0.3379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

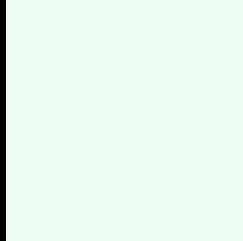
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.0964, 0.3086, 0.3379 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

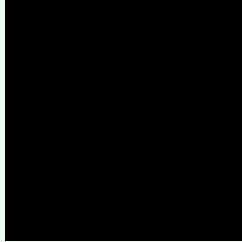
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

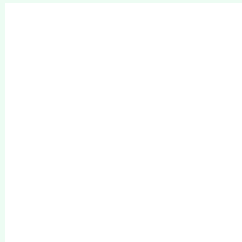
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 94.0964, 0.3086, 0.3379**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.0964, 0.3086, 0.3379.

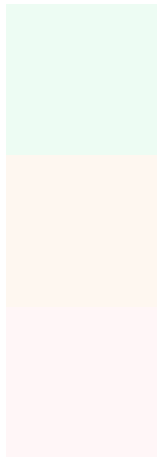


This preview shows how white text looks on a background with the Yxy color 94.0964, 0.3086, 0.3379.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

94.0964, 0.3086, 0.3379

### Protanopia

93.8836, 0.3214, 0.3358

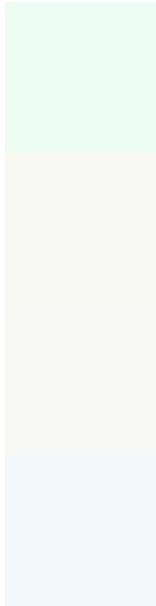
### Deuteranopia

93.8869, 0.3179, 0.3281

## **Tritanopia**

93.9476, 0.3074, 0.3222

# Trichromacy



## Original Color

94.0964, 0.3086, 0.3379

## Protanomaly

94.0587, 0.3168, 0.3368

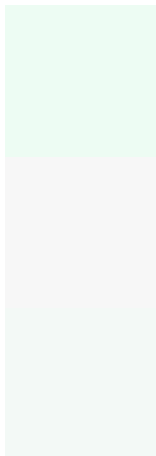
## Deuteranomaly

93.7451, 0.3139, 0.3310

## Tritanomaly

93.7711, 0.3078, 0.3270

# Monochromacy



## Original Color

94.0964, 0.3086, 0.3379

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.4599, 0.3107, 0.3319

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.0964, 0.3086, 0.3379 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 252, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 252, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 94.0964, 0.3086, 0.3379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 252, 243) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 252, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 252, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 252, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 252, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 252,  
243) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.0964, 0.3086, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 252, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
252, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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